

Health	3
Flammability	0
Reactivity	0
Personal Protection	C

September 9, 2004

### MATERIAL SAFETY DATA SHEET

#### SECTION I - General Information

**Product Name:** CPAC RA Pro Digital Developer, Part A

**Catalog Number:** 30DE338

**Formula:** Aqueous Solution

#### SECTION II - Product and Hazardous Ingredients Information

<u>ITEM</u>	<u>CAS #</u>	<u>PERCENT</u>	<u>Exposure Limits</u>	<u>SARA RQ / TPQ</u>
Triethanolamine	102-71-6	9-12	5 mg/m <sup>3</sup> TLV-TWA	NA / NA
4-(N-Ethyl-N-2-Methane Sulfonylamino Ethyl)-2-Phenylene Diamine (CD-3)	25646-71-3	3-7	NE	NA / NA
Sodium Hydroxide	1310-73-2	1-5	2 mg/m <sup>3</sup> TLV-Ceiling	1000 / NA
Water	7732-18-5	55-75	NE	NA / NA

NE = Not established

#### SECTION III - Physical Data

**BOILING POINT:** > 100°C

**VAPOR DENSITY (mmHg):** ~ 0.60

**SPECIFIC GRAVITY:** 1.04

**EVAPORATION RATE:**

**APPEARANCE AND ODOR:** Clear, light yellow, odorless.

**VAPOR PRESSURE (mmHg):** ~ 15

**SOLUBILITY IN WATER:** Complete

**pH:** 13.2

**PERCENT VOLATILE BY WEIGHT:** ~ 55-75%

#### SECTION IV - Fire and Explosion Hazard Data

**Flash Point:** None

**Flammable Limits: LEL:** N/A

**UEL:** N/A

**Extinguishing Media:** Use water spray, dry chemical, CO<sub>2</sub>, or foam.

**Special Fire Fighting Procedures:** Use self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**Unusual Fire and Explosions Hazards:** Fire or excessive heat may cause hazardous decomposition products.

#### SECTION V - Health Hazard Data

##### Effects of Overexposure:

**Inhalation:** Mists are corrosive to respiratory tract and mucous membranes.

**Eyes:** Corrosive. Contact with eyes can cause eye burns.

**Skin:** Corrosive. Contact with skin can cause skin burns. Repeated and prolonged contact may cause irritation and possible allergic skin reaction.

**Ingestion:** Corrosive. Do not take internally. Harmful if swallowed. May cause liver and kidney injury, anemia and weakness.

**Carcinogenicity:** N/A • **Teratogenicity:** N/A • **Reproductive Toxicity:** N/A • **Mutagenicity:** NA •

**Synergistic Products:** N/A

**Emergency First Aid Procedures:**

**Eyes:** Flush with large amounts of water for 15 minutes. Seek medical attention.

**Skin:** Wash skin with soap and water for 15 minutes. If irritation occurs, seek medical attention.

**Ingestion:** *Immediately* call a poison control center or physician. Give full details of amount ingested and toxicity.

**Inhalation:** Move to fresh air. If symptoms persist, get medical attention.

**SECTION VI - Reactivity Data**

**Stability:** Stable.

**Incompatibility:** Strong oxidizers, strong acids, strong bases.

**Hazardous Decomposition Product:** Ammonia, Oxides of Nitrogen, Oxides of Sulfur, Oxides of Carbon, Amines.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** Keep container closed and away from excessive heat.

**SECTION VII - Spill or Leak Procedure**

**Steps to be taken in Case Material is Released or Spilled:** Wear protective clothing as specified in Section VIII. Absorb spill with dry absorbent. Place in an approved container.

**Waste Disposal:** Spilled material may be a "corrosive" hazardous waste. Consult proper federal, state and/or local regulatory agencies to ascertain proper disposal procedures.

**SECTION VIII - Special Protection Information**

**Respiratory Protection (Specify Type):** Should not be necessary under normal conditions.

**Ventilation:** Good general ventilation should be sufficient for normal use conditions.

**Protective Equipment:**

**Gloves:** Neoprene gloves and apron.

**Eyes:** Wear protective goggles.

**Other:** As necessary to prevent skin contact. Eyewash facilities in vicinity of use. The routine use of a non-alkaline type hand cleaner will minimize the possibility of an allergic skin reaction.

**SECTION IX - Special Precautions**

**Precautions to be taken in Handling and Storage:** Do not store near strong acids, bases, or oxidizers. Wash thoroughly after use. Do not store or consume food, drink or tobacco in area. Store in a cool, dry, well-ventilated area. Keep container closed when not in use.

The information contained in this material safety data sheet is furnished without warranty of any kind. The user should consider this data a supplement to other information gathered and must make independent determination of suitability and completeness of information from this and other sources to assure proper use and disposal of this materials and the health and safety of employees and customers. This statement is incorporated as part of this Material Safety Data Sheet.